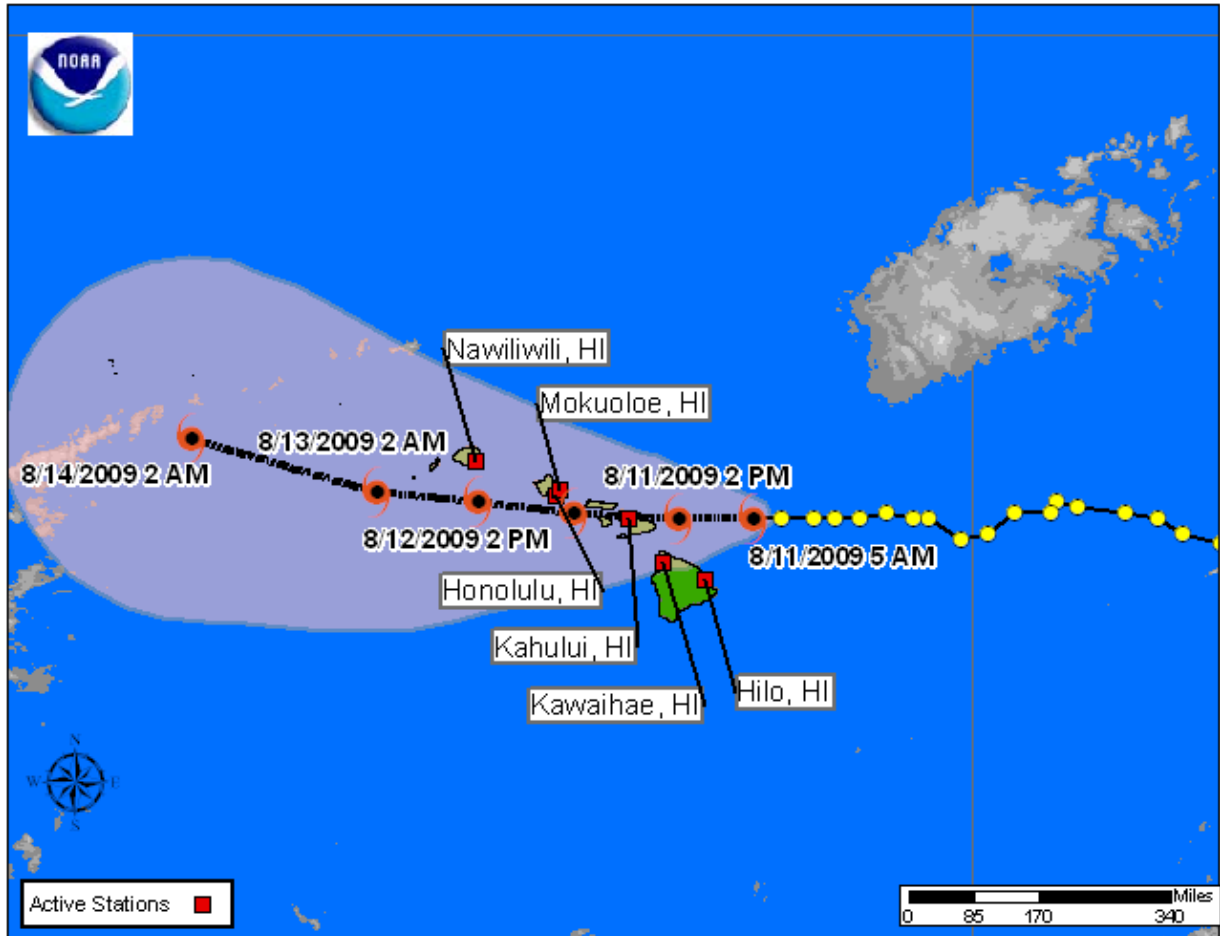




Tropical Depression FELICIA QuickLook  
Posted: 06:30 HST 08/11/2009

**NOAA and NOAA Partnership Stations Relative to the Storm**



**Storm Analysis**

As of 08/11/2009 06:30 HST, water levels around the Hawaiian Islands range from 0 to 0.7 feet above predictions. Barometric pressure is gradually falling across the region. Winds are generally less than 15 kts with gusts up to 15 kts at Nawiliwili, HI.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Hilo, HI: Next predicted high tide is 1.86 ft (0.57 m) at 08/11/2009 06:42 HST.

Kawaihae, HI: Next predicted high tide is 1.67 ft (0.51 m) at 08/11/2009 07:57 HST.

Kahului, HI: Next predicted high tide is 1.86 ft (0.57 m) at 08/11/2009 16:42 HST.

**Mokuoloe, HI: Next predicted high tide is 1.43 ft (0.44 m) at 08/11/2009 06:12 HST.**

**Honolulu, HI: Next predicted high tide is 1.55 ft (0.47 m) at 08/11/2009 08:06 HST.**

**Nawiliwili, HI: Next predicted high tide is 1.41 ft (0.43 m) at 08/11/2009 07:48 HST.**

**For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.**

**Analyst: TAB**

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**SELECT CENTRAL PACIFIC HURRICANE CENTER ADVISORY INFORMATION:**

**TROPICAL DEPRESSION FELICIA ADVISORY NUMBER 32  
NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI  
500 AM HST TUE AUG 11 2009**

**FELICIA DOWNGRADED TO A TROPICAL DEPRESSION**

**A TROPICAL STORM WATCH REMAINS IN EFFECT FOR OAHU AND FOR ALL OF MAUI COUNTY WHICH INCLUDES THE ISLANDS OF MAUI, KAHOO LAWE, LANAI AND MOLOKAI. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS REMAIN POSSIBLE WITHIN THE WATCH AREA IN THIS CASE WITHIN THE NEXT 12 TO 24 HOURS.**

**AT 500 AM HST THE CENTER OF TROPICAL DEPRESSION FELICIA WAS LOCATED ABOUT 155 MILES EAST OF KAHULUI HAWAII AND ABOUT 245 MILES EAST OF HONOLULU HAWAII.**

**THE DEPRESSION IS MOVING TOWARD THE WEST NEAR 10 MPH.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH WITH HIGHER GUSTS. FELICIA IS EXPECTED TO WEAKEN OVER THE NEXT 48 HOURS.**

**ESTIMATED MINIMUM CENTRAL PRESSURE IS 1009 MB.**

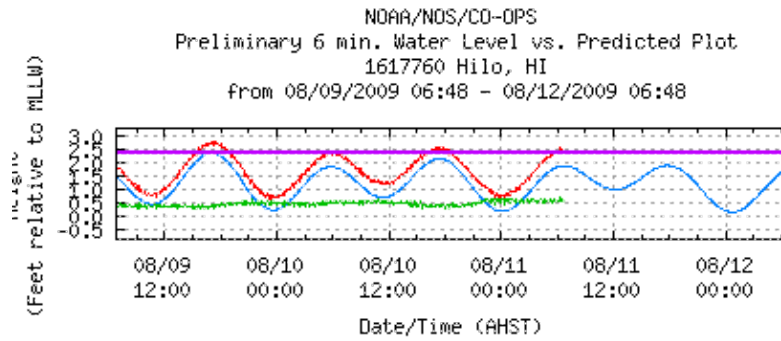
**A LARGE SWELL GENERATED BY FELICIA WILL PERSIST ACROSS THE STATE THROUGH TODAY. ALSO LOCALLY HEAVY RAINFALL AND FLASH FLOODING REMAIN A POSSIBILITY.**

**FORECASTER CRAIG**

**For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.**

Jump to: [Hilo - Water Level](#), [Hilo - Winds](#), [Hilo - Barometric](#), [Hilo - Air/Water Temp](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Kawaihae - Barometric](#), [Kawaihae - Air/Water Temp](#), [Kahului - Water Level](#), [Kahului - Winds](#), [Kahului - Barometric](#), [Kahului - Air/Water Temp](#), [Mokuoloe - Water Level](#), [Mokuoloe - Winds](#), [Mokuoloe - Barometric](#), [Mokuoloe - Air/Water Temp](#), [Honolulu - Water Level](#), [Honolulu - Winds](#), [Honolulu - Barometric](#), [Honolulu - Air/Water Temp](#), [Nawiliwili - Water Level](#), [Nawiliwili - Winds](#), [Nawiliwili - Barometric](#), [Nawiliwili - Air/Water Temp](#),

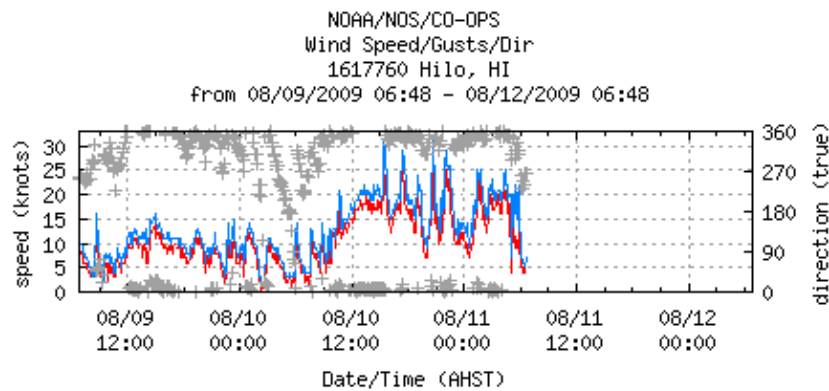
**Hilo, HI - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/11/2009 06:36 (AHST)  
Relative to **MLLW**: **Observed: 2.38 ft. Predicted: 1.86 ft. Residual: 0.52 ft.**  
Historical Maximum Water Level: 01/20/1981, 1.37 ft. above **MHHW**

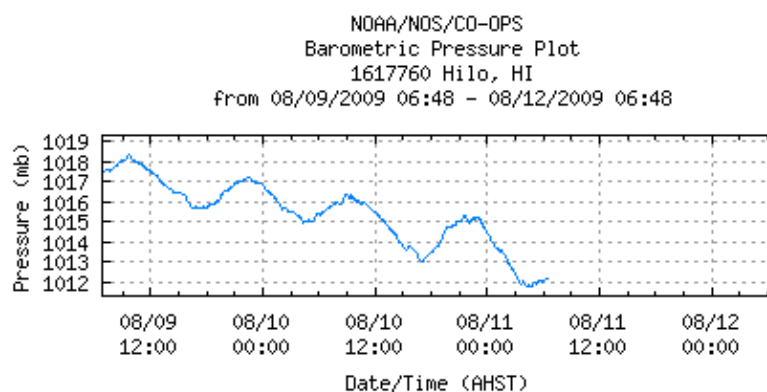
**Hilo, HI - Station Map** [Return to List](#)



speed — gusts — direction +

Last Observed Sample: 08/11/2009 06:36 (AHST)  
**Wind Speed: 7 knots Gusts: 7 knots Direction: 266° T**

**Hilo, HI - Station Map** [Return to List](#)

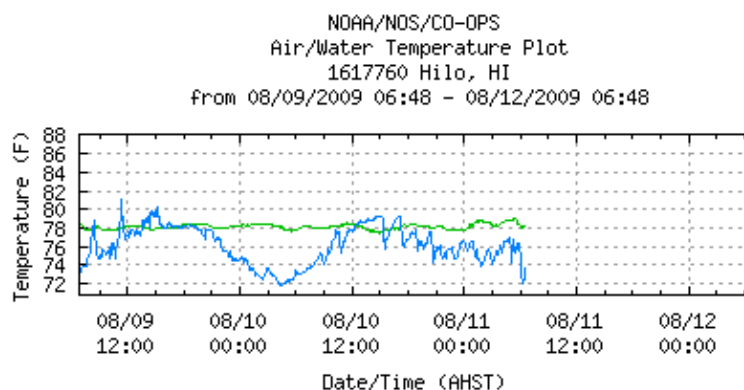


barometric pressure —

**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Barometric Pressure: 1012.2 mb**

**Hilo, HI - Station Map** [Return to List](#)

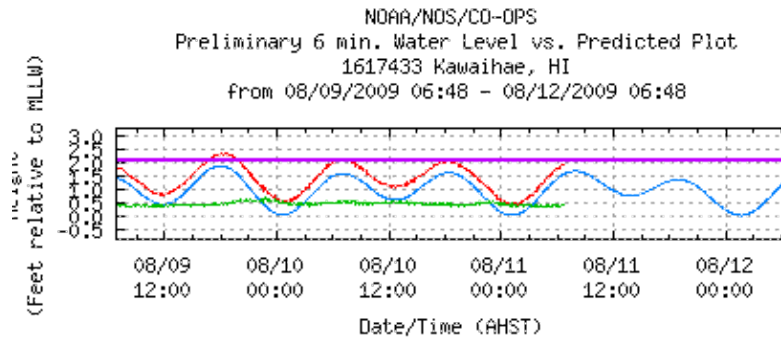


water temp. — air temp. —

**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Water Temperature: 78.3° F Air Temperature: 73.6° F**

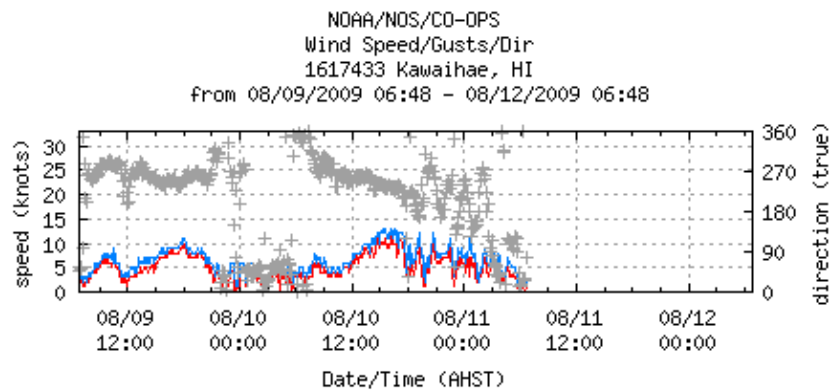
**Kawaihae, HI - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/11/2009 06:36 (AHST)  
Relative to **MLLW**: **Observed: 1.94 ft. Predicted: 1.54 ft. Residual: 0.40 ft.**  
Historical Maximum Water Level: n/a

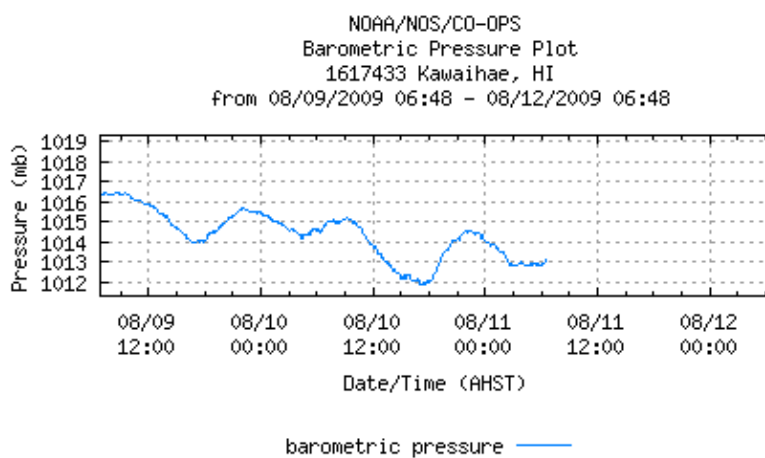
**Kawaihae, HI - Station Map** [Return to List](#)



speed — gusts — direction +

Last Observed Sample: 08/11/2009 06:36 (AHST)  
**Wind Speed: 1 knots Gusts: 2 knots Direction: 079° T**

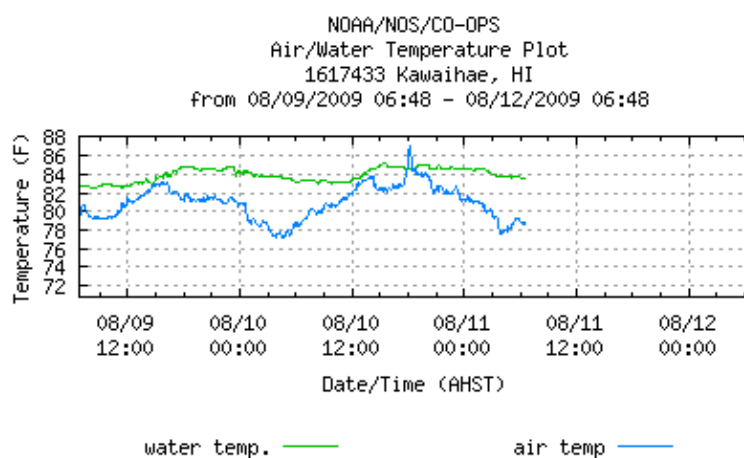
**Kawaihae, HI - Station Map** [Return to List](#)



**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Barometric Pressure: 1013.1 mb**

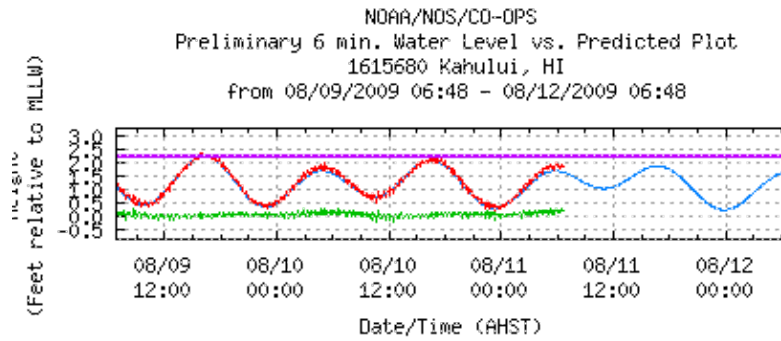
**Kawaihae, HI - Station Map** [Return to List](#)



**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Water Temperature: 83.5° F Air Temperature: 78.8° F**

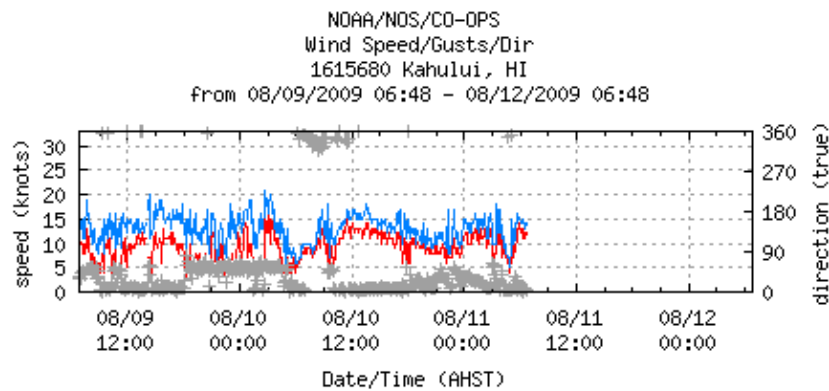
**Kahului, HI - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/11/2009 06:36 (AHST)  
Relative to **MLLW**: **Observed: 1.82 ft. Predicted: 1.62 ft. Residual: 0.20 ft.**  
Historical Maximum Water Level: 12/20/1968, 1.23 ft. above **MHHW**

**Kahului, HI - Station Map** [Return to List](#)

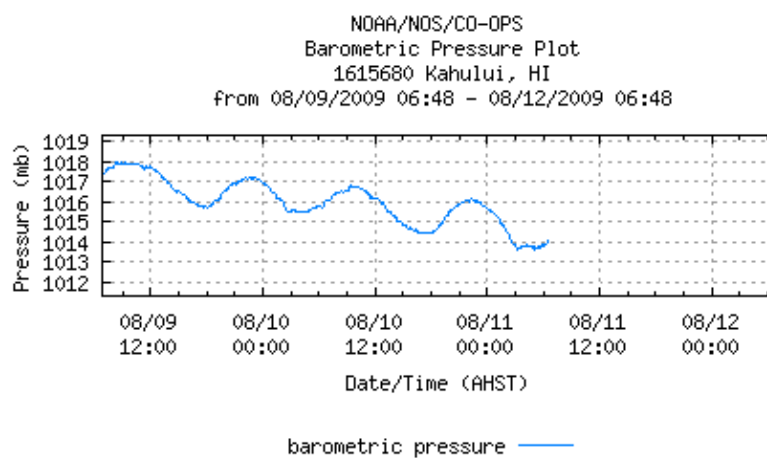


speed — gusts — direction +

Last Observed Sample: 08/11/2009 06:36 (AHST)  
**Wind Speed: 12 knots Gusts: 14 knots Direction: 006° T**



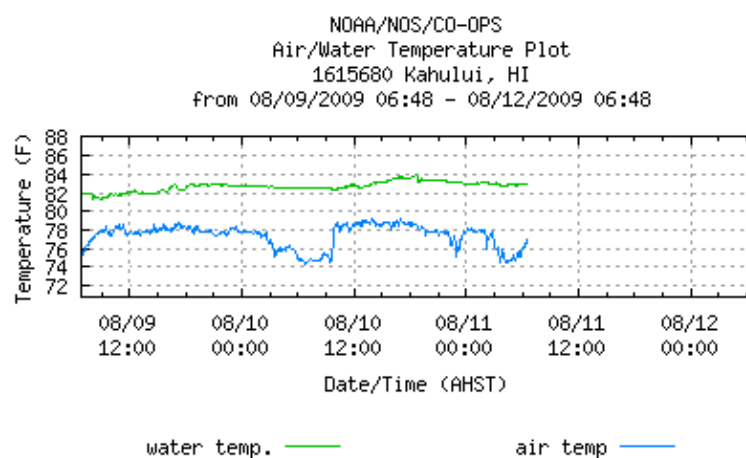
**Kahului, HI - Station Map** [Return to List](#)



**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Barometric Pressure: 1014.1 mb**

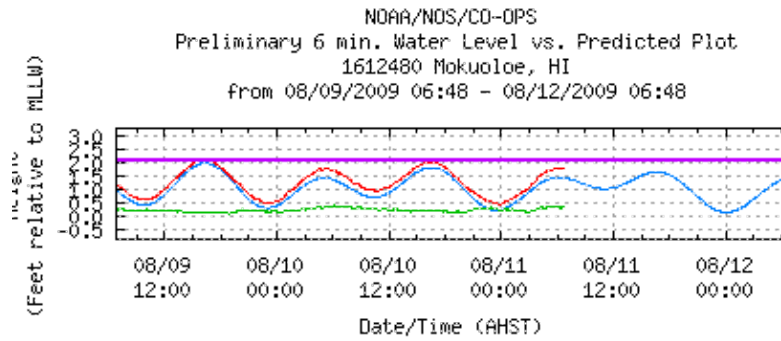
**Kahului, HI - Station Map** [Return to List](#)



**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Water Temperature: 82.9° F Air Temperature: 77.0° F**

**Mokuoloe, HI - Station Map** [Return to List](#)

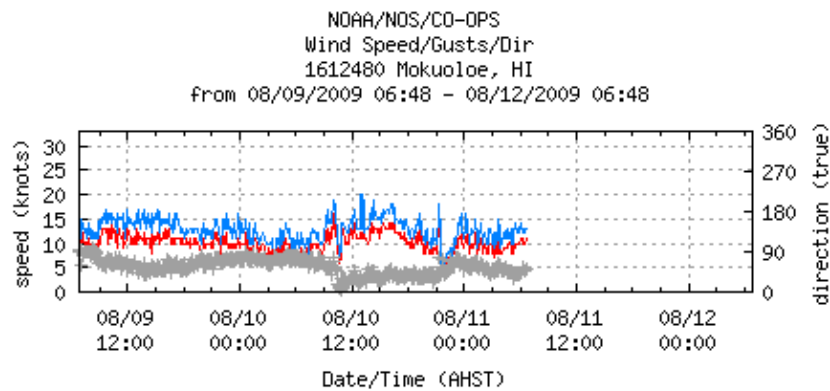


Last Observed Sample: 08/11/2009 06:36 (AHST)

Relative to **MLLW**: **Observed: 1.73 ft.** **Predicted: 1.42 ft.** **Residual: 0.31 ft.**

Historical Maximum Water Level: 01/08/1974, 1.46 ft. above **MHHW**

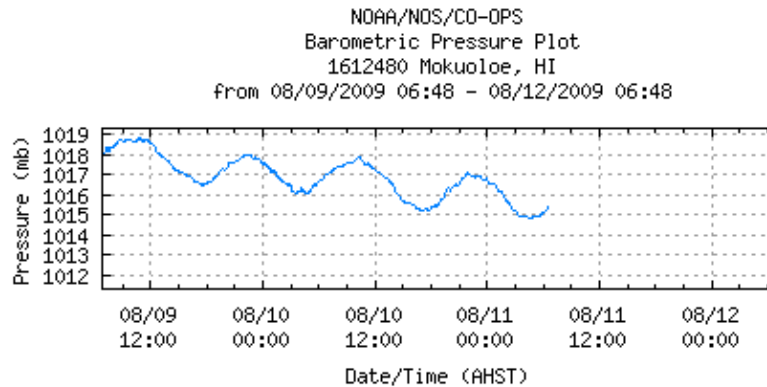
**Mokuoloe, HI - Station Map** [Return to List](#)



Last Observed Sample: 08/11/2009 06:36 (AHST)

**Wind Speed: 11 knots** **Gusts: 13 knots** **Direction: 051° T**

**Mokuoloe, HI - Station Map** [Return to List](#)

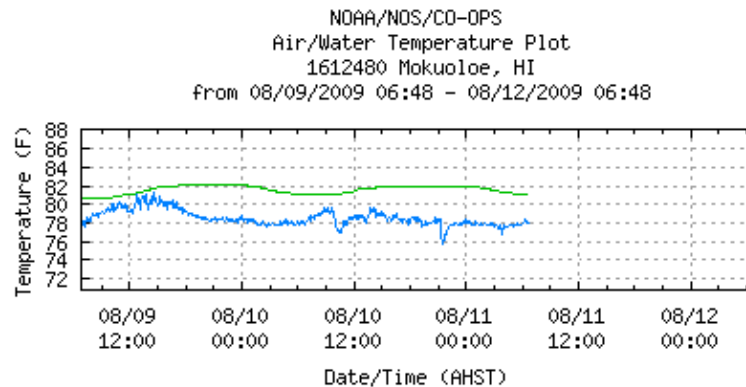


barometric pressure —

**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Barometric Pressure: 1015.4 mb**

**Mokuoloe, HI - Station Map** [Return to List](#)

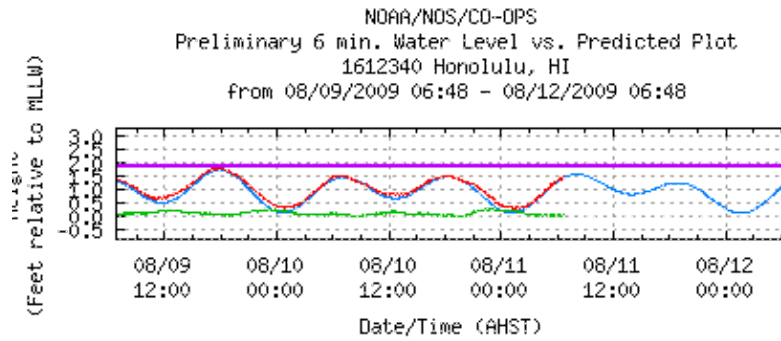


water temp. — air temp. —

**Last Observed Sample: 08/11/2009 06:36 (AHST)**

**Water Temperature: n/a Air Temperature: 78.1 ° F**

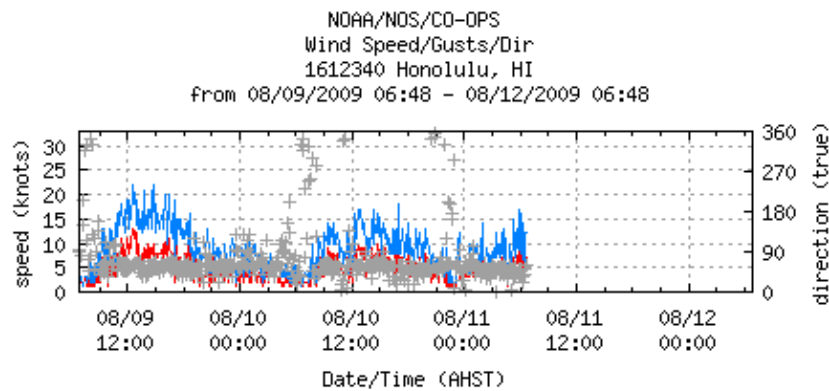
**Honolulu, HI - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/11/2009 06:36 (AHST)  
Relative to **MLLW**: **Observed: 1.46 ft. Predicted: 1.41 ft. Residual: 0.05 ft.**  
Historical Maximum Water Level: 02/14/1967, 1.49 ft. above **MHHW**

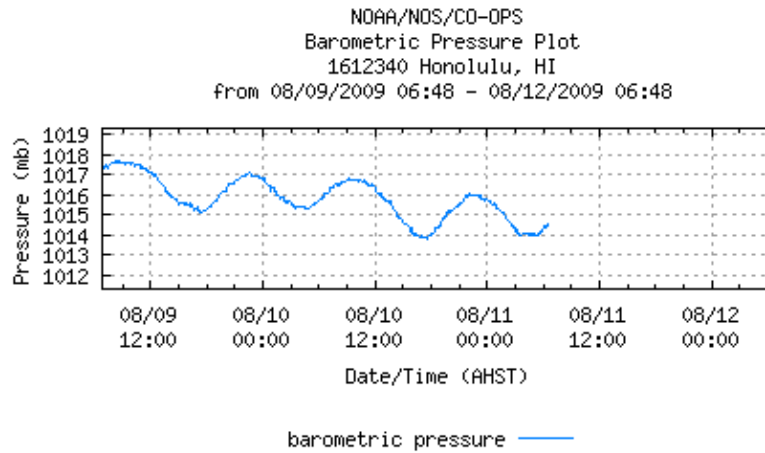
**Honolulu, HI - Station Map** [Return to List](#)



speed — gusts — direction +

Last Observed Sample: 08/11/2009 06:36 (AHST)  
**Wind Speed: 7 knots Gusts: 12 knots Direction: 059° T**

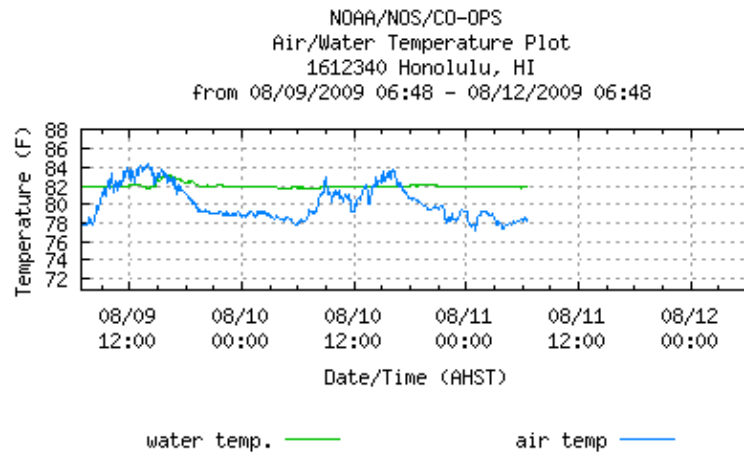
**Honolulu, HI - Station Map** [Return to List](#)



**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Barometric Pressure: 1014.5 mb**

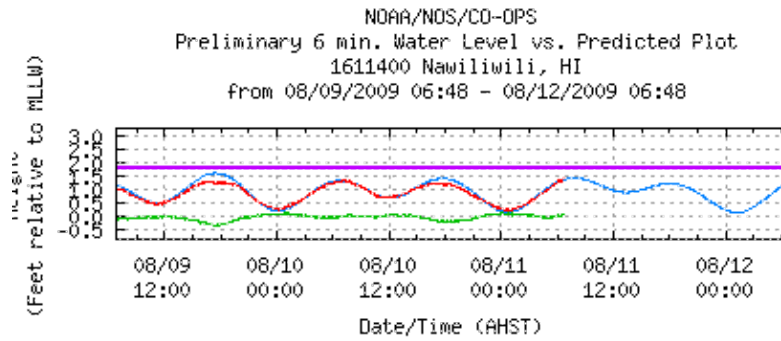
**Honolulu, HI - Station Map** [Return to List](#)



**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Water Temperature: 81.9° F Air Temperature: 78.3° F**

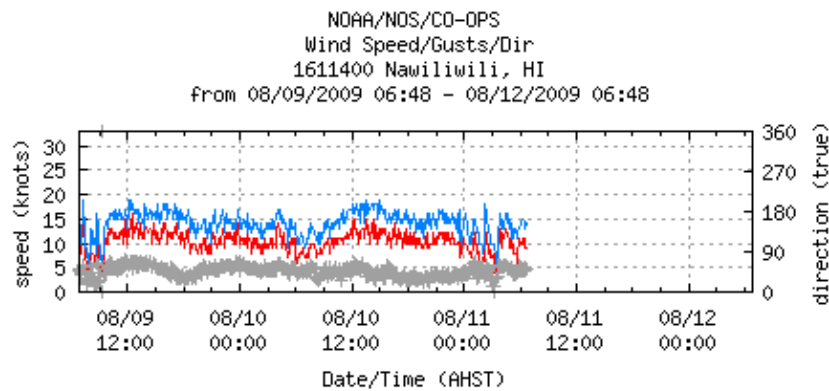
**Nawiliwili, HI - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/11/2009 06:36 (AHST)  
Relative to **MLLW**: **Observed: 1.38 ft. Predicted: 1.34 ft. Residual: 0.04 ft.**  
Historical Maximum Water Level: 09/11/1992, 3.15 ft. above **MHHW**

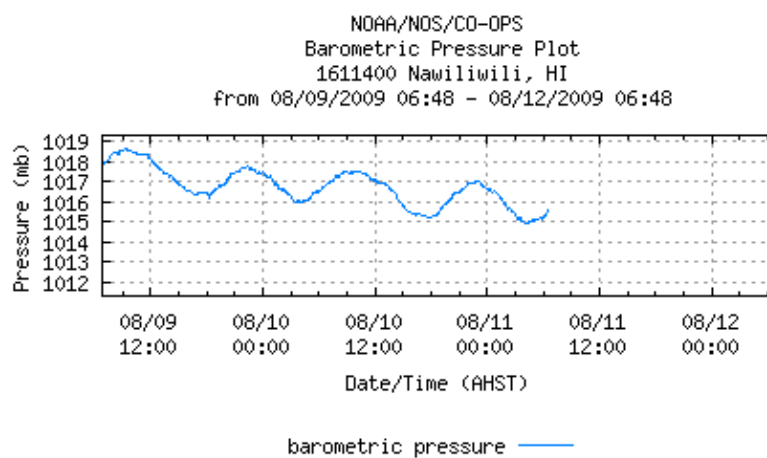
**Nawiliwili, HI - Station Map** [Return to List](#)



speed — gusts — direction +

Last Observed Sample: 08/11/2009 06:36 (AHST)  
**Wind Speed: 9 knots Gusts: 14 knots Direction: 052° T**

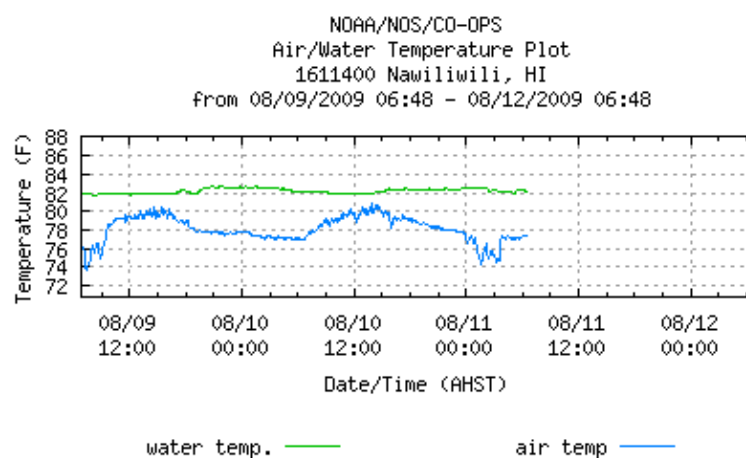
**Nawiliwili, HI - [Station Map](#) [Return to List](#)**



**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Barometric Pressure: 1015.6 mb**

**Nawiliwili, HI - [Station Map](#) [Return to List](#)**



**Last Observed Sample: 08/11/2009 06:30 (AHST)**

**Water Temperature: 82.2° F Air Temperature: 77.4° F**

## Tropical Depression FELICIA QuickLook, POSTED 06:30 HST 08/11/2009

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce